PTO/S8/08A (04-03)

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Sheet 1

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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| Application Number | 10/758,875 | _ | | | |
| Filing Date | 1/16/2004 | | | | |
| First Named Inventor | Weiner, Michael L. | | | | |
| Art Unit | Unknown | | | | |
| Examiner Name | Unknown | | | | |
| Attorney Docket Number | MLW-630 | | | | |

| | | | U. S. PATENT | DOCUMENTS | |
|-----------------------|--------------|---|--------------------------------|--|--|
| Examiner Initials* | Cite No.1 | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Unes, Where Relevant Passages or Relevant Figures Appear |
| | | Number-Kind Code ^{2 (f known)} | 04/00/0004 | Olivera et al | |
| AB | | ^{US-} 6,180,385 | 01/30/2001 | Skern et al. | |
| 1 | | ^{US-} 6,180,389 | 01/30/2001 | Douglas et al. | |
| | | ^{US-} 6,180,402 | 1/30/2001 | Granville et al. | <u> </u> |
| | | ^{US-} 6,180,612 | 01/30/2001 | Hockensmith et al. | |
| | | ^{US-} 6,180,782 | 01/30/2001 | Capuder | |
| | | ^{US-} 6,183,984 | 02/06/2001 | Fuchs | |
| | | ^{US-} 6,183,993 | 02/06/2001 | Boyce et al. | |
| | | ^{US-} 6,183,174 | 02/06/2001 | Kaiser et al. | |
| | | ^{US-} 6,183,753 | 02/06/2001 | Cochran et al. | |
| | | ^{US-} 6,184,000 | 02/06/2001 | Jones et al. | |
| | | ^{US-} 6,184,017 | 02/06/2001 | Smith et al. | |
| | | ^{US-} 6,184,027 | 02/06/2001 | Laine et al. | |
| | | ^{US-} 6,184,034 | 02/06/2001 | Eastman et al. | |
| | | ^{US-} 6,187,250 | 02/13/2001 | Champagne | |
| | | us- 6,187,552 | 02/13/2001 | Roberds et al. | |
| | | ^{US-} 6,187,559 | 02/13/2001 | Steed et al. | |
| | | ^{US-} 6,187,564 | 02/13/2001 | Sytkowski | |
| 1/ | | ^{US-} 6,187,566 | 02/13/2001 | Dattagupta et al. | |
| AB | | ^{US-} 6,187,567 | 02/13/2001 | Li et al. | |

| | FOREIGN PATENT DOCUMENTS | | | | | | |
|-----------------------|--------------------------|---|------------------|--|---|---|--|
| Examiner Initials* | Cite No. | Foreign Patent Document | Publication Date | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages | | |
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| 1 | Examiner Signature | /Angela Bertagna/ | Date Considered | 05/23/2006 |
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Sheet 2

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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| Application Number | 10/758,875 | | | | |
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| Filing Date | 1/16/2004 | | | | |
| First Named Inventor | Weiner, Michael L. | | | | |
| Art Unit | Unknown | | | | |
| Examiner Name | Unknown | | | | |
| Attorney Docket Number | MLW-630 | | | | |

| | | Document Number Publication Date | | Name of Patentee or | Pages, Columns, Lines, Where |
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| Initials* | No.' | Number-Kind Code ^{2 (/ known)} | MM-DD-YYYY | Applicant of Cited Document | Relevant Passages or Relevant Figures Appear |
| AB | | ^{US-} 6,187,567 | 02/13/2001 | Li et al. | |
| 1 | | ^{US-} 6,187,575 | 02/13/2001 | Sobek et al. | |
| | | ^{US-} 6,187,578 | 02/13/2001 | Blinkovsky et al. | |
| | | ^{US-} 6,187,585 | 02/13/2001 | Bennett et al. | |
| 1 | | ^{US-} 6,187,760 | 02/13/2001 | Ashley et al. | |
| | | ^{US-} 6,187,823 | 02/13/2001 | Haddon et al. | |
| | | US- 6,203,814 | 03/20/2001 | Fisher et al. | |
| | | US- 6,331,262 | 12/18/2001 | Haddon et al. | |
| | | US- 6,399,365 | 06/04/2002 | Besemer et al. | |
| | | US- 6,413,722 | 07/02/2002 | Arnold et al. | |
| | | US- 6,471,968 | 10/29/2002 | Baker Jr. et al. | |
| | | ^{US-} 6,475,994 | 11/05/2002 | Tomalia et al. | |
| | | ^{US-} 6,618,941 | 09/16/2003 | Campbell et al. | |
| | | US- 6,013,789 | 01/11/2000 | Rampal | |
| _ | | US- 6,017,731 | 01/25/2000 | Tekamp-Olson et al. | |
| | | US- 6,020,457 | 02/01/2000 | Klimash et al. | |
| | | ^{US-} 5,872,826 | 02/16/1999 | Fujieda et al. | |
| 7 | | US- 6,043,336 | 03/28/2000 | Miller et al. | |
| AB | | ^{US-} 6,051,379 | 04/18/2000 | Lescallett et al. | |

| | FOREIGN PATENT DOCUMENTS | | | | | | |
|---|--------------------------|---|-----------------------------|--|---|----------------|--|
| Examiner Initials* | Cite No.1 | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear | Τ ⁶ | |
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| Examiner Signature | /Angela Bertagna/ | Date Considered | 05/23/2006 |
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STATEMENT BY APPLICANT
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|------------------------|--------------------|---|--|--|--|
| Application Number | 10/758,875 | | | | |
| Filing Date | 1/16/2004 | | | | |
| First Named Inventor | Weiner, Michael L. | | | | |
| Art Unit | Unknown | | | | |
| Examiner Name | Unknown | | | | |
| Attorney Docket Number | MLW-630 | フ | | | |

| | | | U. S. PATENT | DOCUMENTS | |
|--------------------|--------------------------|--|--------------------------------|--|---|
| Examiner Initials* | Cite No. ¹ | Document Number Number-Kind Code ^{2 (f known)} | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| AB | | US- 6,054,708 | 04/25/2000 | Shimizu | |
| ı I | † | ^{US-} 6,083,698 | 07/04/2000 | Olson et al. | |
| | | US- 6,083,708 | 07/04/2000 | Singh et al. | |
| | <u> </u> | ^{US-} 6,083,723 | 07/04/2000 | Tekamp-Olson | |
| 1 | 1 | ^{US-} 6,136,318 | 10/24/2000 | Cochran et al. | |
| | 1 | US- 5,776,672 | 07/07/1998 | Hashimoto et al. | |
| | | US- 5,972,604 | 10/26/1999 | Santamaria et al. | |
| | | US-5,747,244 | 05/05/1998 | Sheridan et al. | |
| | | ^{US-} 5,714,166 | 02/03/1998 | Tomalia et al. | |
| . | | US- 5,712,383 | 01/27/1998 | Sheridan et al. | |
| | | ^{US-} 5,699,394 | 12/16/1997 | Schreiber et al. | |
| | | ^{US-} 5,658,273 | 08/19/1997 | Long | |
| | | ^{US-} 5,641,539 | 06/24/1997 | Afeyan et al. | |
| | | ^{US-} 5,612,468 | 03/18/1997 | Hawkins et al. | |
| | | ^{US-} 5,610,956 | 03/11/1997 | Yokoyama et al. | |
| | | ^{US-} 5,577,694 | 12/26/1996 | Lee | |
| | | ^{US-} 5,560,929 | 10/01/1996 | Hedstrand et al. | |
| 1/ | | ^{US-} 5,525,711 | 06/11/1996 | Hawkins et al. | |
| AB | | ^{US-} 5,472,888 | 12/05/1995 | Kinzer | |

| | FOREIGN PATENT DOCUMENTS | | | | | | |
|-----------------------|--------------------------|---|---------------------|--|---|----------|--|
| Examiner Initiats* | Cite No.1 | Foreign Patent Document | Publication Date | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages | ™ | |
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| Examiner Signature | /Angela Bertagna/ | Date Considered | 05/23/2006 |
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Sheet 4

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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of 8

| Complete if Known | | | |
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| Application Number | | | |
| Filing Date | | | |
| First Named Inventor | | | |
| Art Unit | | | |
| Examiner Name | | | |
| Attorney Docket Number | | | |

| | U. S. PATENT DOCUMENTS | | | | | |
|--------------------|------------------------|---|--------------------------------|--|---|--|
| Examiner Initials* | Cite No.1 | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | |
| - | | Number-Kind Code ^{2 (7 known)} | 1.0.10.1.10.00 | | Tiguios Appasi | |
| AB | | ^{US-} 6,136,568 | 10/24/2000 | Hiatt et al. | | |
| 1 | | ^{US-} 6,146,593 | 11/14/2000 | Pinkel et al. | | |
| | | ^{US-} 6,159,742 | 12/12/2000 | Lieber et al. | | |
| | | ^{US-} 6,171,861 | 01/09/2001 | Hartley et al. | • | |
| | | ^{US-} 6,172,197 | 01/09/2001 | McCafferty et al. | | |
| 4 | | ^{US-} 6,174,724 | 01/16/2001 | Rogers et al. | | |
| | | US- 6,175,001 | 01/16/2001 | Barbas et al. | | |
| | | US- 6,177,244 | 01/23/2001 | Sytkowski et al. | | |
| | | US- 6,177,247 | 01/23/2001 | Mathies et al. | | |
| | | ^{US-} 6,177,543 | 01/23/2001 | Aggarwal et al. | | |
| | | ^{US-} 6,180,338 | 01/30/2001 | Adams | | |
| | | ^{US-} 4,176,093 | 11/27/1979 | Zoch | | |
| | | ^{US-} 4,447,546 | 05/08/1984 | Hirschfeld | | |
| | | US- 4,582,809 | 04/15/1986 | Block et al. | | |
| | | US- 4,701,792 | 10/20/1987 | Guyot | | |
| | | US- 4,853,323 | 08/01/1989 | lkeda et al. | | |
| | | ^{US-} 4,853,550 | 08/01/1989 | Schulz | | |
| W | | ^{US-} 4,909,990 | 03/20/1990 | Bock et al. | | |
| AB | | ^{US-} 4,946,824 | 08/07/1990 | Meschke et al. | | |

| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|-------------|--|---------------------|--|---|---|
| Examiner Initials* | Cite No. | Foreign Patent Document | Publication Date | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages | Γ |
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| Examiner Signature | /Angela Bertagna/ | Date Considered | 05/23/2006 |
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Sheet 5

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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of 8

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| Application Number | | | |
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| U. S. PATENT DOCUMENTS | | | | | |
|------------------------|--------------|--|--------------------------------|--|---|
| Examiner Initials* | Cite No.1 | Document Number Number-Kind Code ^{2 (F known)} | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| AB | | US- 5,076,993 | 12/31/1991 | Sawa et al. | |
| ı | | ^{US-} 5,128,097 | 07/07/1992 | Fukasawa et al. | |
| | | US- 5,174,945 | 12/29/1992 | Bussard et al. | |
| | | US- 5,367,547 | 11/22/1994 | Hida et al. | |
| | | US- 5,372,719 | 12/13/1994 | Afeyan et al. | |
| V | | ^{US-} 5,386,114 | 01/31/1995 | Yasunaga | |
| AB | | us- 5,453,199 | 09/26/1995 | Afeyan et al. | |
| | | US- | | | 1 |

| | FOREIGN PATENT DOCUMENTS | | | | | |
|-----------------------|--------------------------|--|---------------------|--|---|----|
| Examiner Initials* | Cite No.1 | Foreign Patent Document | Publication Date | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages | Π |
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| Examiner Signature | /Angela Bertagna/ | Date Considered | 05/23/2006 |
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THATE ADOStitute for form 1449/PTO Complete if Known **Application Number** 10/758,875 INFORMATION DISCLOSURE Filing Date 1/16/2004 STATEMENT BY APPLICANT **First Named Inventor** Weiner, Michael L. Art Unit Unknown (Use as many sheets as necessary) **Examiner Name** Unknown Attorney Docket Number Sheet 6 MLW-630 8 of

| | | NON PATENT LITERATURE DOCUMENTS | |
|--|--|---|----------------|
| Examiner Initials* | | | T ² |
| AB | AB R.W.MALONE et al., "Cationic Liposome-mediated RNA transfection", Proc. Natl. Acad. Sci. USA, vol 86, pp 6077-6081, August 1989 | | |
| | 2 < | R.LEVENTIS et al., "Interactions of Mammalian Cells with Lipid Dispersions containing novel metabolizable cationic amphiphiles", Biochimica et Biophysica Acta, 1023, pp 124-132, 1990 | |
| | | W.SCHAFFNER, "Direct Transfer of Cloned genes from bacteria to mammalian cells", Proc. Natl. Acad. Sci, USA vol 77, pp 2163-2167, April 1980 | |
| · | 4 / | H.K.KIMELBERG, "Differential Distribution of Liposome-Entrapped" Biochimica et Biophysica Acta, 448 (1976) 531-550 | |
| | 5 - | G.STRAUSS, "Freezing and Thawing of Liposome Suspensions", Liposome Technology, p197-219, CRC Press 1984 | |
| | 6 ′ | A.R.THIERRY et al, , "Liposomal Delivery as a New Approach to Transport Antisense Oligonucleotides", Gene Regulation: Biology of Antisense RNA and DNA, Raven Press, Ltd. NY 1992, p147-161 | |
| | 7 ′ | W.E.MAGEE et al., "A Comparison of Negatively and Positively Charged Liposomes" Biochimica et Biophysica Acta, 451 (1976) 610-618 | |
| | S. KAWAI et al., "New Procedure for DNA Transfection with Polycation and Dimethyl Sulfoxide", Molecular and Cellular Biology, vol 4, no 6, June 1984, p1172-1174 | | |
| | 9 E. NEUMANN et al., "Gene transfer into mouse lyoma cells by electroportation in high electric fields", The EMBO Journal, Vol 1, No. 7, pp 841-845 (1982) | | |
| C.L.CEPKO et al, "Construction and Applications of a Highly Transmissible" Cell, vol 37, p1053-1062, July 1984 | | | |

| Examiner /Angela Bertagna/ | Date Considered | 05/23/2006 |
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|------------------------------|--------------------|------------|

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Sheet 7

PTO/SB/088 (04-03)

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r the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. MADE Substitute for form 1449/PTO Complete if Known **Application Number** 10/758,875 INFORMATION DISCLOSURE Filing Date 1/16/2004 STATEMENT BY APPLICANT **First Named Inventor**

(Use as many sheets as necessary)

8 of

Weiner, Michael L. **Art Unit** Unknown **Examiner Name** Unknown Attorney Docket Number MLW-630

| | | NON PATENT LITERATURE DOCUMENTS | |
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| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| AB 1 | | W.E.MAGEE et al., "The Interaction of Cationic Liposomes" J. Cell Biology, vol 63, 1974, pp 492-504 | |
| | 12 / | J.H.SENIOR et al., "Interation of Positively-Charged Liposomes with blood" Biochimica et Biophysica Acta, 1070 (1991) 173-179 | |
| | 13 ′ | F.J.MARTIN et al, "Lipid Vesicle-Cell Interactions", J. Cell Biology, vol 70, (1976) pp 515-526 | |
| | 14 | P.HUG et al, "Liposomes for the transformation of Eukaryotic cells", Biochimica et Biophysica Acta, 1097 (1991) 1-17 | |
| | 15 < | L.D.STEGER et al, "Enzyme Therapy VI" Biochimica et Biophysica Acta 464 (1977) 530-546 | |
| | 16 - | H. FINK et al, "Electrical Conduction through DNA molecules", Nature, vol 398, April 1, 1999, p 407-410 | |
| | 17 | J.P. KNEMEYER et al., "Probes for Detection of Specific DNA Sequences at the Single Molecule Level", Anal. Chem, 2000, vol 72, p3717-3724 | |
| 18 | | G.P.MITCHELL et al, "Programmed Assembly of DNA Functionalized Quantum Dots", J. Am. Chem. Soc. 1999, vol 121, 8122-8123 | |
| | | X.ZHOU et al., "Targeted delivery of DNA by liposomes and polymers", J. Controlled Release 19 (1992) p 269-274 | |
| AB 20 C.NICOLAU et al, "Liposomes as carriers of DNA | | C.NICOLAU et al, "Liposomes as carriers of DNA", vol 6, issue 3, 1989, p 238-271 | |

| Examiner | | Date | |
|-----------|-------------------|------------|------------|
| Signature | /Angela Bertagna/ | Considered | 05/23/2006 |

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| | | Application Number | 10/758,875 | | | | |
| INFORMATION DISCLOSURE | | | | Filing Date | 1/16/2004 | | |
| STA | ATEMENT B | A YE | PPLICANT | First Named Inventor | Weiner, Michael L. | | |
| (I) | | | | Art Unit | Art Unit Unknown | | |
| (Use as many sheets as necessary) | | | | Examiner Name | Unknown | | |
| Sheet | 8 | of | 8 | Attorney Docket Number | MLW-630 | | |
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| AB | 21 | P.L. FELGNER et al, "Lipofection: A highly efficient, lipid-mediated DNA-transfection procedure" Proc. Natl. Acad. Sci, USA vol 84, pp 7413-7417 November 1987 | | | | |
| | 22 (| J.K.ROSE et al., "A New Cationic Liposome Reagent Mediating Nearly Quantitative Transfection of Animal Cells", Biotechniques vol 10, no 4, 1991 p 520-525 | | | | |
| | 23 ′ | B.A.STILLMAN et al, "FAST (TM) Slides: A novel surface for Microarrays" Biotechniques, vol 29, no 3, 2000, p 630-635 | | | | |
| | 24 ′ | F.L.GRAHAM et al., "A New Technique for the Assay of Infectivity of Human Adenovirus 5 DNA", Virology, 52, 456-467 (1973) | | | | |
| | 25 | M.GRAESSMAN et al., "Microinjection and Organelle Transplantation Techniques", pp. 3-13 (Academic Press 1986) | | | | |
| | 26 | R.L.JULIANO et al, "Pharmacokinetics of Liposome-Encapsulated Anti-tumor Drugs" Biochemical Pharmacology, vol 27, pp 21-27 1978 | | | | |
| | 27 | E.MAYHEW, "Inhibition of Tumor Cell Growth in Vitro and in Vivo by 1-B-D-Arabinofuranosylcytosine Entrapped" Cancer Research 36, pp 4406-4411, Dec 1976 | | | | |
| AB | | S.X. STRAUB, "Interferon Induction by Poly(I): Poly(C) Enclosed in Phospholipid Particles, Infection and Immunity Oct 1974, p 783-792 | | | | |
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| Examiner | /americ Pombome / | Date | 05/23/2006 |
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